

Code: APTI-41C6-2812P

## IP CAMERA **APTI-41C6-2812P** 4.0 Mpx 2.8 ... 12 mm

Net: **98.04 EUR** Gross: **98.04 EUR**

IP camera with efficient H.265 / H.264 image compression algorithm for clear and smooth video streaming at maximal resolution of 2560 x 1440 (3.7 MPx).

Camera bracket allows to adjust the camera to any direction, and power cables are hidden inside the bracket.

PoE powering possibility, compatible with the 802.3af standard makes the device more universal and easier to install.



### SPECIFICATION

|                                  |                                                                             |
|----------------------------------|-----------------------------------------------------------------------------|
| Standard:                        | TCP/IP                                                                      |
| Sensor:                          | 1/3 " OmniVision OV4689 CMOS                                                |
| Digital Image Processor:         | Hisilicon 3516D                                                             |
| Matrix size:                     | 4.0 Mpx                                                                     |
| Resolution:                      | 2560 x 1440 - 3.7 Mpx ,<br>2304 x 1296 - 3.0 Mpx ,<br>1920 x 1080 - 1080p   |
| Lens:                            | 2.8 ... 12 mm, 5 Mpx                                                        |
| View angle:                      | • 81 ° ... 23 ° (manufacturer data)<br>• 90 ° ... 33 ° (our tests result)   |
| S/N ratio:                       | > 50 dB                                                                     |
| Range of IR illumination:        | 60 m - The power IR LEDs (POWER LED) : 4 pcs                                |
| IR illuminator power adjustment: | Automatic                                                                   |
| Image compression method:        | H.265 / H.264 / MJPEG                                                       |
| Alarm inputs / outputs:          | —                                                                           |
| Bitrate:                         | 64 ... 12000 kbps                                                           |
| Main stream frame rate:          | max. 20 fps - 2560 x 1440<br>max. 30 fps - 2304 x 1296                      |
| Network interface:               | 10/100 Base-T (RJ-45)                                                       |
| Network protocols:               | TCP/IP, ICMP, HTTP, HTTPS, FTP, DHCP, DNS, DDNS, RTP, RTSP, RTCP, NTP, SMTP |
| Default admin user / password:   | admin / admin                                                               |
| Default IP address:              | 192.168.1.168                                                               |
| Audio:                           | External microphone input                                                   |

|                               |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |
|-------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Web browser access ports:     | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| PC client access ports:       | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| WEB Server:                   | Built-in                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |
| Mobile client access ports:   | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| Max. number of on-line users: | 3                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Port ONVIF:                   | 80                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |
| ONVIF:                        | 2.4                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |
| RTSP URL:                     | rtsp://user:password@ip_address:80/0 - Main stream<br>rtsp://user:password@ip_address:80/1 - Sub stream                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Mobile phones support:        | Port no.: 80 or access by a cloud (P2P)<br>• Android: Free application <a href="#">FREEIP</a><br>• iOS (iPhone): Free application <a href="#">FREEIP</a>                                                                                                                                                                                                                                                                                                                                                                                                 |
| RS-485 interface:             | —                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Main features:                | <ul style="list-style-type: none"> <li>• WDR - Wide Dynamic Range</li> <li>• 3D-DNR - Digital Noise Reduction</li> <li>• Possibility to change the resolution, quality and bit rate</li> <li>• F-DNR (Defog) - Reduction of image noise caused by precipitation</li> <li>• ICR - Movable InfraRed filter</li> <li>• Mirror - Mirror image</li> <li>• Motion Detection</li> <li>• Privacy zones</li> <li>• Configurable: brightness, contrast, saturation</li> <li>• RESET button - on the cable</li> <li>• Sharpness - sharper image outlines</li> </ul> |
| Power supply:                 | <ul style="list-style-type: none"> <li>• PoE (802.3af),</li> <li>• 12 V DC / 690 mA</li> </ul>                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Housing:                      | Compact, Metal                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |
| Color:                        | Dark graphite                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
| "Index of Protection":        | IP66                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Supported languages:          | English, Bulgarian, Chinese, French, Spanish, Dutch, Japanese, Korean, German, Polish, Portuguese, Russian, Turkish, Italian                                                                                                                                                                                                                                                                                                                                                                                                                             |
| Operation temp:               | -20 °C ... 60 °C                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |
| Manufacturer / Brand:         | APTi                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |
| Weight:                       | 1.01 kg                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |
| Dimensions:                   | 285 x 90 x 100 mm                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |
| Guarantee:                    | 2 years                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  |

## PRESENTATION



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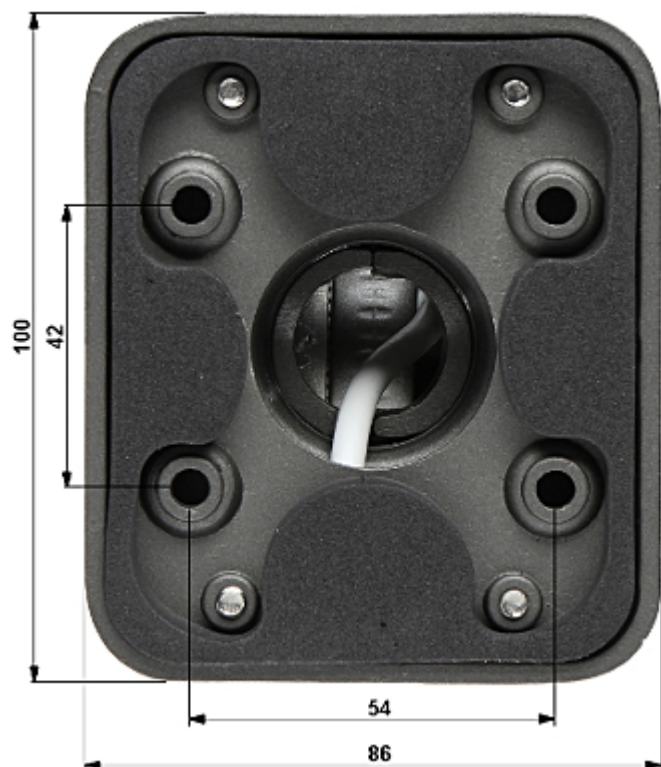
Side view:



Bottom view:



Bracket dimensions:



In the kit:

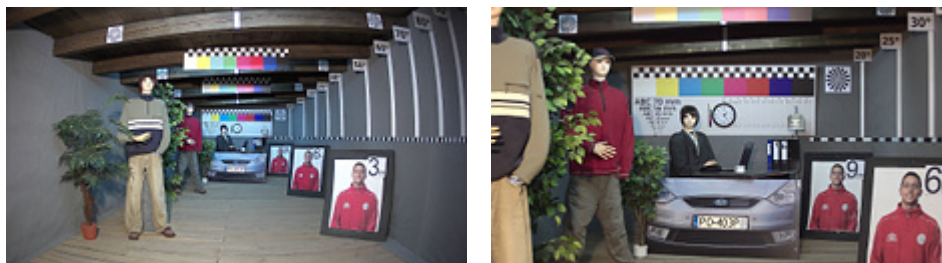


Configuration and operation of the FreeIP cloud:

:

## OUR TESTS

Camera image at artificial illumination (about 30Lux):



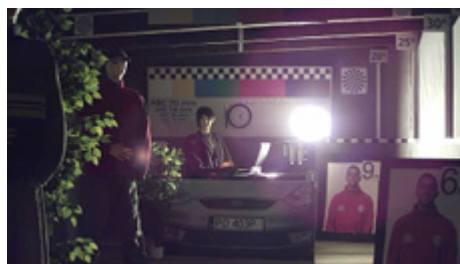
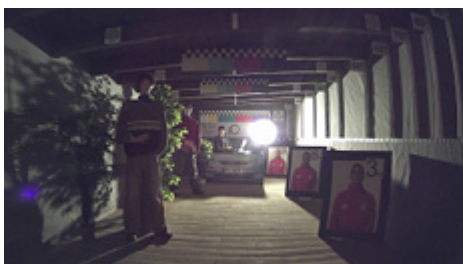
Camera image at night conditions with internal built-in IR illuminator on:



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Camera image at direct strong light opposite to camera:



## PACKAGE

|                                  |                    |
|----------------------------------|--------------------|
| Dimensions (L x W x H): 0x0x0 mm | Gross Weight: 0 kg |
|----------------------------------|--------------------|